09-17-04

Signature

September 16, 2004

Date

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PTO/SB/21 (04-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/625,141 Filing Date TRANSMITTAL July 23, 2003 First Named Inventor **FORM** Jonathan R. Nowitz Art Unit (to be used for all correspondence after initial filing) **Examiner Name** Attorney Docket Number 283108004US Total Number of Pages in This Submission 21 ENCLOSURES (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board of Fee Attached Licensing-related Papers Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Petition Amendment/Reply Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address X Other Enclosure(s) (please Identify below): Terminal Disclaimer **Extension of Time Request** Form PTO/SB/96 **Express Abandonment Request** Request for Refund Copy of Assignment to Thomson Licensing S.A. Information Disclosure Statement CD, Number of CD(s) Copy of Assignment to America Online, Inc. Certified Copy of Priority Postcard Document(s) Remarks Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm PER KINS COIE LLP Steven D. Lawrenz - 37,376 Individual name

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REVOCATION OF POWER OF ATTORNEY and APPOINTMENT OF NEW POWER OF ATTORNEY

Application Number	10/825,141
Filing Date	July 23, 2003
First Named Inventor	Jonathan R. Nowitz
Art Unit	
Examiner Name	
Attorney Docket Number	283108004US

I hereby revo	ke all previo	us powers of attorr	ney given in t	he above-id	entified application	i:		
☐ A Power	☐ A Power of Attorney is submitted herewith.							
OR		·						
I hereby appoint the practitioners at Customer Number: 25096								
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I am the:								
☐ Appi	icent/invent	or.		•				
		ord of the entire inte or 37 CFR 3.73(b) is						
		SIGNATUR	E of Applica	ent or Assig	nee of Record			
Name	Alexand	ler Franco						
Signature	ure du Fren							
Date	8/	9/04		Telephone	(703) 265-3	507		• •
NOTE: Signature forms if more the	NOTE: Signatures of all the inventors or assigness of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.							
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STATEMENT UNDER 37 CFR 3.73(b)							
Applicants: Jonethan R. Nowitz et al.							
Application No.: 10/825,141	Filed/Issue Date: July 23, 2003						
Entitled: METHOD AND SYSTEM FOR RULE	BASED INDEXING OF MULTIPLE DATA STRUCTURES						
America Onlina, Inc. , a	merica Online, Inc. , a a corporation of the State of Delaware						
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OR ·							
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[] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]							
The undersigned (whose title is supplied below)	is authorized to act on behalf of the assignee.						
8/9/04	Alexander Franco						
' Date	Typed or printed name						
(703) 265-3507	ally fun						
. Telephone number	Signature						
	Patent Counsel						
-	Title						

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No Execution date: November 13, 2003 4. Application number(s) and/or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 10/625,141 Additional numbers attached:

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No Total No. of applications and patents 5. Name and address of party to whom involved: one (1) correspondence concerning document should be mailed: 7. Total fee (37 CFR §3.41): \$40.00 Customer No. 25096 Steven D. Lawrenz □ Enclosed Perkins Coie LLP ☐ Charge Deposit Account No. 50-0665 P.O. Box 1247 Seattle, Washington 98111-1247 (206) 359-8000 8. Deposit Account No. 50-0665 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Steven D. Lawrenz Signature Name of Person Signing Total number of pages, including cover sheet, attachments and document: [13]

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Trott, Srinivasan Sudanagunta, Austin David Dahl	Name: Thomson Licensing S.A.		
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Security Agreement Change of Name			
Other	Additional news(a) () addition(v) viv 1 10		
Execution Date: October 17, 2003, November 3, 2003 and October 17,	Additional name(s) & address(es) attached?	X	No
2003 respectively			
4. Application number(s) or patent number(s): Serial No. 10/625,141			
If this document is being filed together with a new application, the execution Application No. (a) LIS 10/(25 L41)			
A. Patent Application No.(s) U.S. 10/625,141	B. Patent No.(s)		
Additional numbers attached?	X No		
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:		
concerning document should be mailed:	o. Total number of applications and patents involved1		
Name: JOSEPH S. TRIPOLI			
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ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby of the line of the li	declare that I am the sole inventor (if only one inventor is nar are named below) of the inventions relating to	M	w) or one of <u>6</u> joint inventors ETHOD AND SYSTEM FOR RULE BASED INDEXING OF MULTIPLE DATA FRUCTURES
described in an ap	oplication for Letters Patent of the United States of America f	iled on	July 23, 2003 Under Serial No.
Accignment/Agra	or, if not identified here by filing date and serial n	umber, e	xecuted by me on even date with my execution of this
and existing under for all countries in and any divisions, I agree the do all acts which and for vesting title and for vesting title requested by said its successors, as: I authorize or their own name or them, the beneficially in the countries of the countries	tement, sible consideration received, I hereby sell, assign and transfer the laws of the country of France, its successors, and assign and to said inventions, and all the rights and privileges under continuations, reissues and extensions thereof, and, when requested, I will, without charge to said corporation may be necessary, desirable or convenient for securing and e thereto in said corporation, its successors, assigns or nom lat I will communicate to said corporation or its representative corporation and at its expense will testify in any legal processigns and legal representatives or nominees, to obtain or ender and empower said corporation, its successors, assigns or each empower said corporation and all countries and to invoke and empower said to provide the international Convestituted for it, and to invoke and claim such right of priority we consent that a copy of this assignment shall be deemed a furth country for any purpose and more particularly in proof of to cloin for said inventions, and to claim the aforesaid benefits	r to THOM ins my en er any and on but at it d maintair inees. es any face drings, an force prop nominee and claim ention for ithout furt all legal at hot of the rio of the rio	MSON LICENSING S.A., a corporation duly organized titre right, title and interest, at all Letters Patent that may be granted therefor, at sexpense, sign all papers, take all rightful oaths, make all rightful declarations and ning patents or other forms of protection for said inventions in any and all countries cts known to me respecting said inventions and when ad generally do everything possible to aid said corporation, per protection for said inventions in any and all countries. The said inventions in any and all countries are protection for patent or other form of protection for said inventions filed by it the Protection of Industrial Property, as amended, or by any convention which may ther written or oral authorization from me. Indicately the first provided by the letterstical Convention for the Protection or patent or or the said corporation or its successors, assigns or nominees to apply for patent or the form provided by the letterstical Convention for the Protection of the the Protection of the the Protection of the protection or its successors, assigns or nominees to apply for patent or that of printing provided by the letterstical Convention for the Protection of the pr
l covenar	ided, or by any convention which may henceforth be substitu- nt with THOMSON LICENSING S.A., its successors, assign	ited for it.	enresentatives, and nominees that to the hest of my knowledge the right title and
interest herein con	nveyed by me are free and clear of any encumbrance, and the	at I have	full right to convey the same as herein expressed.
Signed at	Seattle, Washington	Date	× 10/17/03
Inventor (1)	JONATHAN ROBERT NOWITZ (Type or Print)		X Mull Market (Signature in Pull. No initials.)
Pe	ost Office Address2302 NE 92 St., Seattle.	Wash	nington 98115
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1st Witness	(Type or Print)		(Signature in Full. No initials.)
2ndWitness	Julie Troft		July Just
	(Type or Print)		(Signature in Full. No initials.)
Signed at	Seattle, Washington	Date	10/17/03
Inventor (2)	JENNIFER WEIS (Type or Print)		(Sgnature (In Full. No initials.)
Pr	ost Office Address 1302 Queen Anna Aven		15 O W M M M
,	1302 Queen Anne Aven	ue N #	5, Seattle, Washington 98109
1st Witness	(Type or Print)		E Her
	, , ,		(Signature in Ful). No initials.)
2ndWitness	(Type or Print)		(Signature in Full. No initials)
Signed at	Seattle, Washington	Date	10/17/03
Inventor (3)	JULIE L. TROTT (Type or Print)		July hour frost
	(Type of Find)		(Signature in Full. No inffals.)
Po	ost Office Address 6904 NE 161st Street, S	eattle,	Washington 98028
1st Witness	Eric Rollin		9-10/-
	(Type or Print)		(Signature in Full. No initials.)

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2ndWitness

JONATHAN NOUTTZ (Type or Print)

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I hereby d	eclare that I am the sole inventor (if only one inventor is na	med below	or one of 6 joint inventors	
(if plural inventors	are named below) of the inventions relating to	ME	THOD AND SYSTEM FOR RULE BASED INDEXING OF MULTIPLE DA RUCTURES	ATA
described in an ap	plication for Letters Patent of the United States of America		July 23, 2003 Under Serial No. 10/625,141	
Assignment/Agree	or, if not identified here by filing date and serial	number, ex	ecuted by me on even date with my execution of this	
For valual	ble consideration received. Thereby sell, assign and transfer	er to THOM	SON LICENSING S.A., a corporation duly organized	
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and any divisions,	continuations, reissues and extensions thereof			
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and for vestiling title	r inereto in Salo corporation, its successors, assigns or non	าเกคคร		countrie
I agree th	at I will communicate to said corporation or its representation corporation and at its expense will testify in any legal proce	ipe any far	ts known to me respecting said inventions and when	
its successors, ass	igns and legal representatives or nominees, to obtain or er	iforce prop	er protection for said inventions in any and all countries	
or their own name.	and empower said corporation, its successors, assigns of in my/our name, in any and all countries and to invoke	r nominees	to make application for patent or other form of protection for said invent	
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l covenan	t with THOMSON LICENSING S.A., its successors, assign	ns legal re	presentatives, and nominees, that to the best of my knowledge the right	t, title and
interest nerein con	veyed by me are free and clear of any encumbrance, and the	nat I have t	all right to convey the same as herein expressed.	
Signed at	Seattle, Washington	Date	^	
	Ceattle, Washington			
Inventor (1)	SRINIVASAN SUDANAGUNTA			
	(Type or Print)		(Signature in Full. No initials.)	
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	(1) 10 011 1111		(Signature in Fun. No initials.)	
2ndWitness	(Toron Bird)			
	(Type or Print)		(Signature in Full. No initials.)	
Signed at	Seattle, Washington	Date	10/1/103	
	Counce, Washington			
Inventor (2)	AUSTIN DAVID DAHL		Charle (1) anis 1 1 1 dd 1	
	(Type or Print)		(Signature in Full. No initials.)	
			,	
Po	st Office Address 2039 26 th Ave. E., Seaf	tle, Wa	shington 98112	
1st Witness	Eric Rehm		9 .]	
1st withess	(Type or Print)		(Signature in Full. No initials.)	
	, ,,		(organization in the initials.)	
2ndWitness	DANIEL A. HENDRICK (Type or Print)		Tal A tradel	
	(Type of Fillity		(Signature in Full. No initials.)	
Signed at	Tacoma, Washington	Date	The state of the s	
-	- Lucina, Washington			
Inventor (3)	_MICHAEL GERALD MAITLEN			
	(Type or Print)		(Signature in Full. No initials.)	
	The state of the s		,	
Po	st Office Address 1107 North M-Street, Ta	coma,	Washington 98403	
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described in an a	pplication for Letters Patent of the United States of America	filed on	July 23, 2003 Under Serial No. 10/625,141
	or, if not identified here by filing date and serial n	number, ex	ecuted by me on even date with my execution of this
and existing under for all countries in and any divisions. I agree to do all acts which and for vesting titl requested by said its successors, as I authorized them, the beneficial or their own name or them, the beneficial hereby be required in any other proper protes.	aement, able consideration received, I hereby sell, assign and transfe or the laws of the country of France, its successors, and assign and to said inventions, and all the rights and privileges under a continuations, reissues and extensions thereof, continuations, reissues and extensions thereof, that, when requested, I will, without charge to said corporation may be necessary, desirable or convenient for securing and the thereto in said corporation, its successors, assigns or nom that I will communicate to said corporation or its representative of corporation and at its expense will testify in any legal proceed signs and legal representatives or nominees, to obtain or enexe and empower said corporation, its successors, assigns of e.g., or in my/our name, in any and all countries and to invoke a felit of the right of priority provided by the International Conversationsent that a copy of this assignment shall be deemed a felit of the right of priority we country for any purpose and more particularly in proof of the countries and the proof of the country for any purpose and more particularly in proof of the countries and the proof of the country for any purpose and more particularly in proof of the countries and the proof of the countries and the proof of the countries and the proof of the proof o	r to THOM the same of the real of the real the same of the real the right of the righ	ISON LICENSING S.A., a corporation duly organized ire right, title and interest, all Letters Patent that may be granted therefor, are expense, sign all papers, take all rightful oaths, make all rightful declarations ing patents or other forms of protection for said inventions in any and all counts known to me respecting said inventions and when digenerally do everything possible to aid said corporation, er protection for said inventions in any and all countries. Is to make application for patent or other form of protection for said inventions if or any application for patent or other form of protection for said inventions which be protection of Industrial Property, as amended or the part or oversions which
I covena	nt with THOMSON LICENSING S.A., its successors, assign	is, legal re	presentatives, and nominees, that to the best of my knowledge the right, title
Signed at	nveyed by me are tree and clear of any encumbrance, and the	at I have f	ull right to convey the same as herein expressed.
Olgineu at	Seattle, Washington	Date	
Inventor (1)	SRINIVASAN SUDANAGUNTA		
	(Type or Print)		(Signature in Full. No initials.)
F	Post Office Address 913 26th Avenue E., Se	attle, V	Vashington 98112-4115
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1st Witness	(Type or Print)		(Signature in Full. No initials.)
2ndWitness			
	(Type or Print)		(Signature in Full. No initials.)
Signed at	Seattle, Washington	Date	
Inventor (2)	AUSTIN DAVID DAHL		
· .	(Type or Print)		(Signature in Full. No initials.)
Р	Post Office Address 2039 26 th Ave. E., Seat	tle, Wa	shington 98112
1st Witness			
	(Type or Print)		(Signature in Full. No initials.)
2ndWitness			
	(Type or Print)		(Signature in Full. No initials.)
Signed at	Tacoma, Washington	Date	10/39/03
Inventor (3)	MICHAEL GERALD MAITLEN (Type or Print)		(Signature in Full. No initials.)
P	ost Office Address 1107 North M Street, Ta	coma	Washington 98463
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(Type or Print)

joint inventors

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

(if plural inventors are named below) of the inventions relating to

METHOD AND SYSTEM FOR RULE BASED INDEXING OF MULTIPLE DATA STRUCTURES

described in an application for Letters Patent of the United States of America filed on

July 23, 2003

Under Serial No.
10/625,141

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For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING S.A., a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with THOMSON LICENSING S.A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and

interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed. Signed at Seattle, Washington Inventor (1) SRINIVASAN SUDANAGUNTA (Signature in Full: No initials.) (Type or Print) Post Office Address 913 26th Avenue E., Seattle, Washington 98112-4115 1st Witness JONATHAN NOWITE 2ndWitness (Type or Print) (Signature in Full. No initiats:) Signed at Seattle, Washington Date Inventor (2) **AUSTIN DAVID DAHL** (Type or Print) (Signature in Full. No initials.) 2039 26th Ave. E., Seattle, Washington 98112 Post Office Address 1st Witness (Type or Print) (Signature in Full. No initials.) 2ndWitness (Type or Print) (Signature in Full. No initials.) Signed at Tacoma, Washington Date Inventor (3) MICHAEL GERALD MAITLEN (Type or Print) (Signature in Full. No initials.) Post Office Address 1107 North M Street, Tacoma, Washington 98403 1st Witness (Type or Print) (Signature in Full. No initials.) 2ndWitness (Type or Print) (Signature in Full. No initials.)

After this Assignment has been recorded please RETURN to:

Patent Operations
Thomson Licensing Inc.
P.O. Box 5312
Princeton, NJ 08543-5312

Pat Form 7/89

PATENT ASSIGNMENT

WHEREAS, Thomson Licensing S.A., a French société anonyme having a principal place of business at 46, Quai Alphonse Le Gallo, 92100 Boulogne-Billancourt France ("Assignor"), is the owner of the entire right, title and interest in and to the patent applications set forth in attached Schedule A hereto and in and to the inventions disclosed therein (collectively, the "Assigned Patent Rights");

WHEREAS, America Online, Inc., a Delaware corporation, ("Assignee"), Assignor, Thomson Inc., a Delaware corporation, and Singingfish.com, Inc., a Washington corporation, are parties to that certain Asset Purchase Agreement dated November 13, 2003 (the "Asset Purchase Agreement"), and Assignee, Assignor, Thomson, S.A., a French société anonyme and the parent company of Assignor, Thomson Inc. and Singingfish.com, Inc. are parties to that certain Transfer Agreement dated November 13, 2003 (the "Transfer Agreement"), pursuant to which Assignee acquired all right, title and interest in and to the Assigned Patent Rights; and

WHEREAS, this Patent Assignment is entered into pursuant to, and as a condition of the closing of the transactions contemplated under, the Asset Purchase Agreement and the Transfer Agreement;

NOW, THEREFORE, for good and valuable consideration acknowledged by Assignor to have been received in full from Assignee and pursuant to the terms of the Asset Purchase Agreement and Transfer Agreement:

- Assignor's right, title and interest in and to said Assigned Patent Rights, together with all patents issuing on said Assigned Patent Rights, and any reissues, reexaminations, renewals, extensions, substitutions, registrations, confirmations, divisionals, continuations, and continuations-in-part of such patents and said Assigned Patent Rights, including any patents and patent applications which claim priority to a common priority document in the priority chain of any of the foregoing, and foreign counterparts of any of the foregoing, and together with all rights to sue for past and future infringement or misappropriation thereof (including the right to sue for pre-issuance royalties).
- 2. The terms and covenants of this Patent Assignment shall inure to the benefit of Assignee, its successors and assigns, and shall be binding upon Assignor and its successors and assigns.

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IN WITNESS WHEREOF, Assignor has caused this Patent Assignment to be executed by its duly authorized representatives effective this 13th day of November 2003.

THOMSON LICENSING S.A.

By: 7

Name: Didier Hue

Title: Chairman & CEO

ATTEST:

SCHEDULE A

"Exhibit One Patent Rights"

Title	Inventor(s)	Country	Application Number	Filing Date
INTERNET STREAMING MEDIA WORKFLOW ARCHITECTURE	DEROSA John, ABAJIAN Aram Christian, ALEXANDER Robin, DAHL Austin, LEE Scott, PORTER Charles, REHM Eric, KOLAR Jennifer, SUDANAGUNTA Srinivasan	US only	09/876941	08 June 01
FULL-TEXT RELEVANCY RANKING	DIAMOND Theodore George, HENDRICK Daniel Allen, REHM Eric Carl, REISLAND Melissa Anne	US only	09/876925	08 June 01
GROUP DUPLICATES AND VARIATIONS	ABAJIAN Aram Christian	US only	09/878877	11 June 01
FUZZY DATABASE RETRIEVAL	PRINCE John	US only	09/878866	11 June 01
NTERNET SEED RAWLING	JENSEN-GRAY Scan S.	US only	09/878876	11 June 01

"Exhibit One Patent Rights," Continued

Title	Inventor(s)	Country	Application Number	Filing Date
A SYSTEM AND PROCESS FOR NETWORK SITE FRAGMENTED SEARCH	SHANNON Paul, MILLER Brad, LEE Scott, KOLAR Jennifer	PCT	US01/43303	20 Nov 01
		CN	01822162.9	20 Nov 01
		DE	N/A ^(*)	N/A
		EP	01988150.7	20 Nov 21
		FR	N/A	N/A
		GB	N/A	N/A
		IN	578/KOL NP/03	20 Nov 01
		IT	N/A	N/A
		ſΡ	545322/02	20 Nov 01
		KR	03-7006820	20 Nov 01
		мх	03/004447	20 Nov 01
·		US	10/432,258	20 Nov 01

^(*) Not Available

"Exhibit One Patent Rights," Continued

Title	Inventor(s)	Country	Application Number	Filing Date
A SYSTEM AND PROCESS FOR SEARCHING A NETWORK	PORTER Charles, REICHHOLD Jonathan, REHM Eric	PCT	US01/43247	20 Nov 01
		CN	01822165.3	20 Nov 01
		DE	N/A	N/A
		EP	US01/43247	20 Nov 01
		FR	N/A	N/A
		GB	N/A	N/A
		IN	579/KOL NP/03	20 Nov 01
		IT	N/A	N/A
		ЛР	545381/02	20 Nov 01
		KR	03-7006786	20 Nov 01
		MX	03/004446	20 Nov 01
		US	10/432,306	20 Nov 01

"Exhibit One Patent Rights," Continued

Title	Inventor(s)	Country	Application Number	Filing Date
A SYSTEM AND PROCESS FOR MEDIATED CRAWLING	EVANS Philip, ALEXANDER Robin, SHANNON Paul	PCT	US01/43248	20 Nov 01
		·		
		CN	01822163.7	20 Nov 01
		DE	N/A	N/A
		EP	01988143.2	20 Nov 01
		FR	N/A	N/A
		GB	N/A	N/A
		IN	589/KOL NP/03	20 Nov 01
		IT	N/A	N/A
		ЛP	545321/02	20 Nov 01
		KR	03-7006783	20 Nov 01
		MX	03/004448	20 Nov 01
		US	10/432,388	20 Nov 01

"Exhibit One Patent Rights," Continued

Title	Inventor(s)	Country	Application Number	Filing Date
METHOD AND ARCHITECTURE FOR THE RULE BASED INDEXING OF MULTIPLE DATA STREAMS	NOWITZ Jonathan	U.S.	10/625,141	23 July 03
ASSERTION-BASED METADATA COLLECTION AND ENHANCEMENT SYSTEM	SUDANAGUNTA Srinivasan	N/A	N/A	N/A

"Exhibit Two Patent Rights"

Title	Inventor(s)	Country	Application Number	Filing Date
INTERPRETIVE STREAM METADATA EXTRACTION	REHM Eric, BERKUN Ken, DAHL Austin, KOLAR Jennifer, LEE Scott, MCRAE Shannon, MILLER Brad, PRINCE John, SUDANAGUNTA Srinivasan, NOWITZ Johnathan	US only	09/876943	08 June 01
METADATA QUALITY IMPROVEMENT	PORTER Charles, ABAJIAN Aram Christian, ALEXANDER Robin Andrew, BERKUN Ken Alan, DAHL Austin David, DEROSA John Anthony, LEE Scott, REHM Eric Carl, SUDANAGUNTA Srinivasan, NOWITZ Johnathan	US only	09/876942	08 June 01

"Exhibit Two Patent Rights," Continued

	1	Τ		
Title	Inventor(s)	Country	Application Number	Filing Date
A SYSTEM FOR UNIFIED EXTRACTION OF MEDIA OBJECTS	KOLAR Jennifer, MILLER Brad, LEE Scott	PCT	US01/43305	20 Nov 01
		CN	01822164.5	20 Nov 01
·		DE	N/A	N/A
		EP	01987023.7	20 Nov 01
		FR	N/A	N/A
		СВ	N/A	N/A
		IN	577/KOL NP/03	20 Nov 01
		IT	N/A	N/A
		JP	545323/02	20 Nov 01
		KR	03-7006821	20 Nov 01
		MX	03/004445	20 Nov 01
		US	10/432,316	20 Nov 01

"Exhibit Three Patent Rights"

Title	Inventor(s)	Country	Application Number	Filing Date
METHOD OF SIZING AN EMBEDDED MEDIA PLAYER PAGE	HAYWARD Monte Duane	PCT	US01/51373	24 Oct 01
1				
		BR	PI0114879-6	24 Oct 01
		CN	01817867.7	24 Oct 01
		DE	N/A	N/A
		EP	01989347.8	24 Oct 01
		FR	N/A	N/A
-		GB	N/A	N/A
		IN	438/KOL NP/03	24 Oct 01
		IT	N/A	N/A
		л	549056/02	24 Oct 01
		KR	03-7005382	24 Oct 01
		мх	03/003495	24 Oct 01
		US	10/415210	24 Oct 01

"Exhibit Three, Patent Rights," Continued

Title	Inventor(s)	Country	Application	
	anveinor(s)	Country	Number	Filing Date
METHOD OF COLLECTING DATA USING AN EMBEDDED MEDIA PLAYER PAGE	HAYWARD Monte Duane	PCT	US01/51228	24 Oct 01
		BR	PI0114882-6	24 Oct 01
		CN	01817868.5	24 Oct 01
		DE	N/A	N/A
		EP	01994526.0	24 Oct 01
		FR	N/A	N/A
		GB	N/A	N/A
		IN	436/KOL NP/03	24 Oct 01
		IT	N/A	N/A
		JP	558150/02	24 Oct 01
-		KR	03-7005632	24 Oct 01
		мх	03/003493	24 Oct 01
		US	10/415216	24 Oct 01

"Exhibit Three, Patent Rights," Continued

Title	Inventor(s)	Country	Application Number	Filing Date
METHOD OF DISSEMINATING ADVERTISEMENTS USING AN EMBEDDED MEDIA PLAYER PAGE	HAYWARD Monte Duane	PCT	US01/51227	24 Oct 01
·		BR	PI0114830-3	24 Oct 01
		CN	01817871.5	24 Oct 01
		DE	N/A	N/A
		EP	01989326.2	24 Oct 01
		FR	N/A	N/A
		GB	N/A	N/A
	1	IN	437/KOL NP/03	24 Oct 01
		IT	N/A	N/A
ļ		ſР	557111/02	24 Oct 01
		KR	03-7005633	24 Oct 01
		MX	03/003494	24 Oct 01
		US	10/415021	24 Oct 01